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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/772,260	02/06/2004	Toshihiro Ifuku	03500.017882	4439
5514 7590 03/09/2007 FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112			EXAMINER SAN MARTIN, JAYDI A	
			ART UNIT 2834	PAPER NUMBER
			MAIL DATE 03/09/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

**Supplemental  
Notice of Allowability**

Application No.

10/772,260

Examiner

Jaydi A. San Martin

Applicant(s)

IFUKU ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to telephone interview with Agent. D.Pinsky 2/21/07.
2. ☒ The allowed claim(s) is/are 13,15-19 and 21-28.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|   | 9. <input type="checkbox"/> Other _____.   |

### **SUPPLEMENTAL EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Douglas Pinsky on 2/21/07.

The application has been amended as follows:

#### **SPECIFICATION (FILED 3/22/04)**

At page 27, line 13, change "crystal orientation degree" to --crystal orientation rate--.

At page 27, line 26, change "crystal orientation degree" to --crystal orientation rate--.

At page 28, line 4, change "crystal orientation degree" to --crystal orientation rate--.

At page 35, lines 25-26, change "crystal orientation degree" to --crystal orientation rate--.

At page 37, line 1, change "crystal orientation degree" to --crystal orientation rate--.

At page 39, line 13, change "crystal orientation degree" to --crystal orientation rate--.

At page 41, line 2, change "crystal orientation degree" to --crystal orientation rate--.

At page 41, lines 6-7, change "crystal orientation degree" to --crystal orientation rate--.

At page 41, lines 13-14, change "crystal orientation degree" to --crystal orientation rate--.

At page 42, lines 3-4, change "crystal orientation degree" to --crystal orientation rate--.

At page 43, lines 18-19, change "crystal orientation degree" to --crystal orientation rate--.

At page 44, Table 1, change "crystal orientation degree" to --crystal orientation rate--.

At page 45, lines 9-10, change "crystal orientation degree" to --crystal orientation rate--.

At page 45, line 20, change "crystal orientation degree" to --crystal orientation rate--.

At page 46, line 21, change "crystal orientation degree" to --crystal orientation rate--.

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At page 50, line 8, change "crystal orientation degree" to --crystal orientation rate--.

At page 52, lines 19-20, change "crystal orientation degree" to --crystal orientation rate--.

At page 52, lines 24-25, change "crystal orientation degree" to --crystal orientation rate--.

At page 53, line 4, change "crystal orientation degree" to --crystal orientation rate--.

At page 53, lines 20-21, change "crystal orientation degree" to --crystal orientation rate--.

At page 56, lines 22 and 23, change "crystal orientation degree" to --crystal orientation rate--.

At page 57, line 12, change "crystal orientation degree" to --crystal orientation rate--.

At page 59, lines 20 and 21, change "crystal orientation degree" to --crystal orientation rate--.

At page 61, Table 2, change "crystal orientation degree" to --crystal orientation rate--.

At page 61, line 8, change "crystal orientation degree" to --crystal orientation rate--.

At page 62, lines 21 and 22, change "crystal orientation degree" to --crystal orientation rate--.

### ***Contact Information***

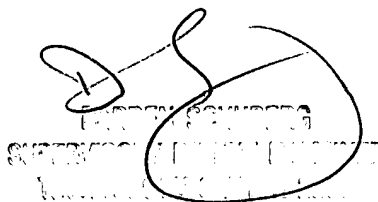
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jaydi A. San Martin whose telephone number is 571-272-2018. The examiner can normally be reached on M-Th 9-7.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren E. Schuberg can be reached on 571-272-2044. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
JASM  
2/21/07

  
JASM  
2/21/07